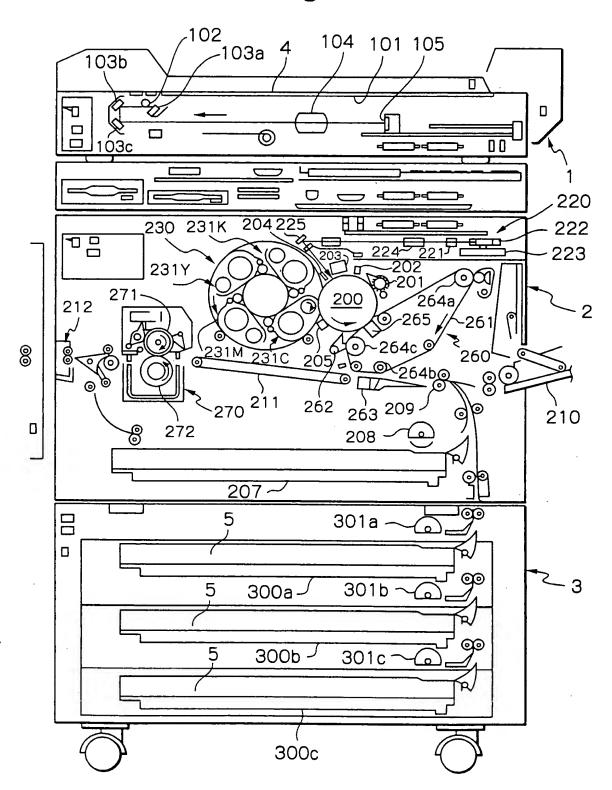
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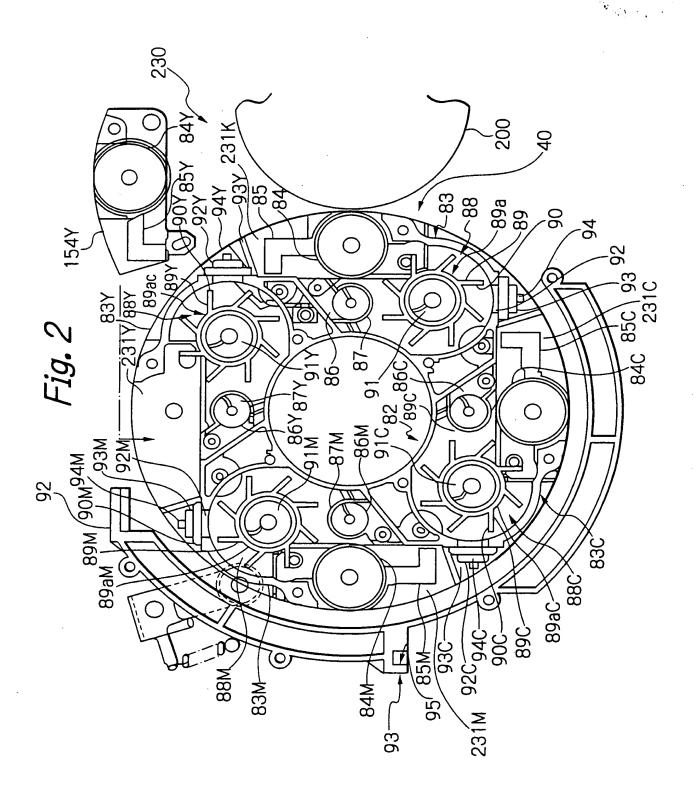
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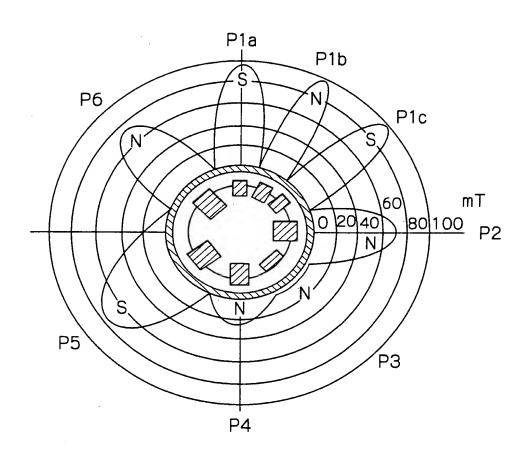
Fig. 1





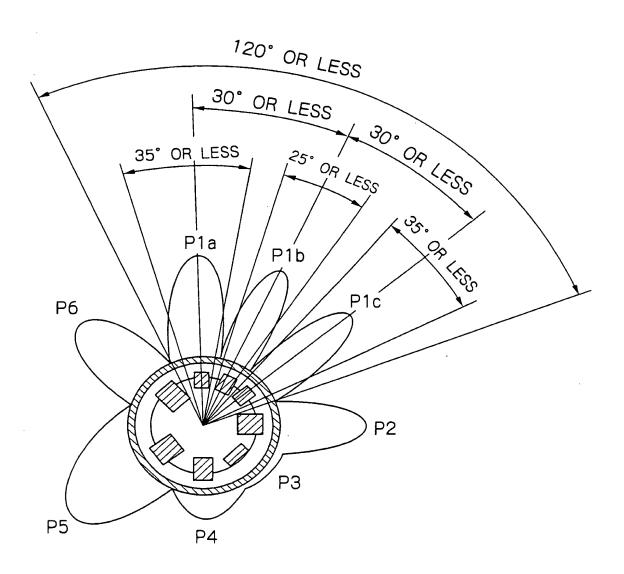
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Fig. 3

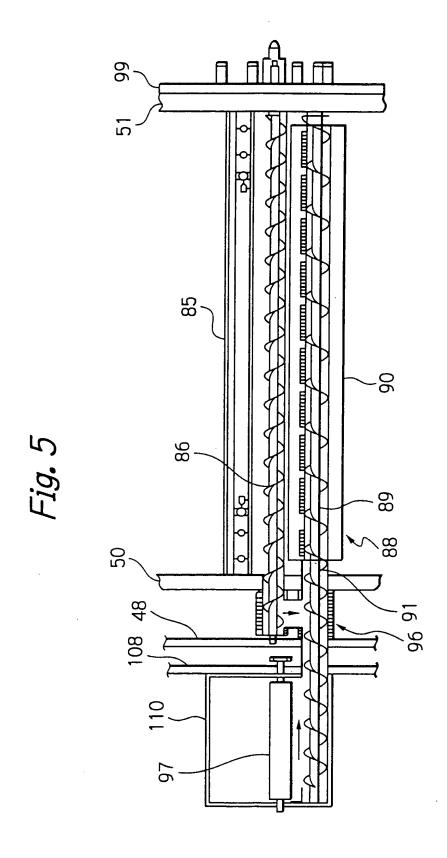


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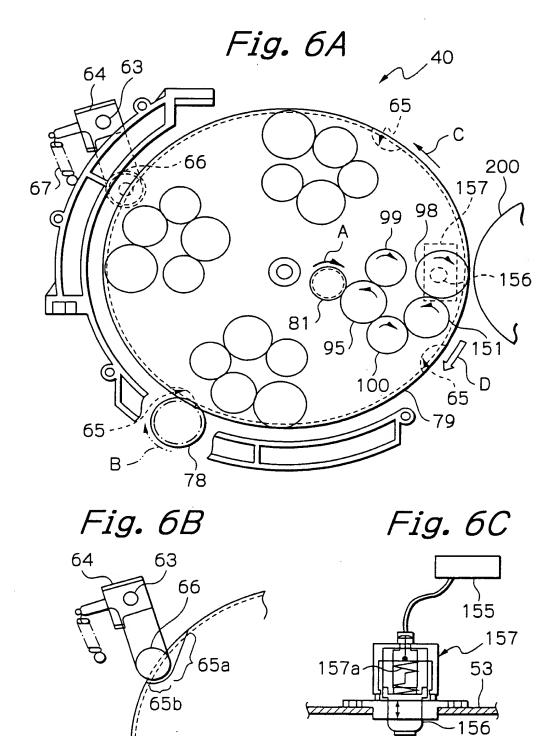
Fig. 4



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Fig. 7A

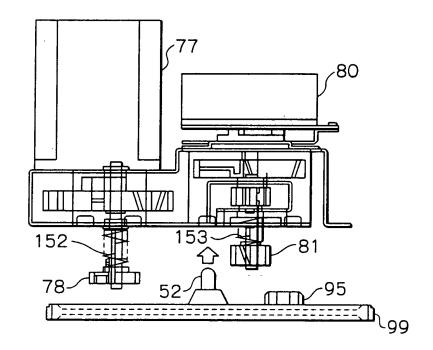
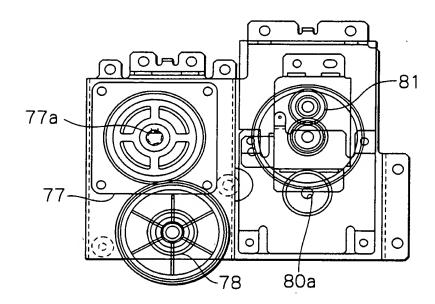
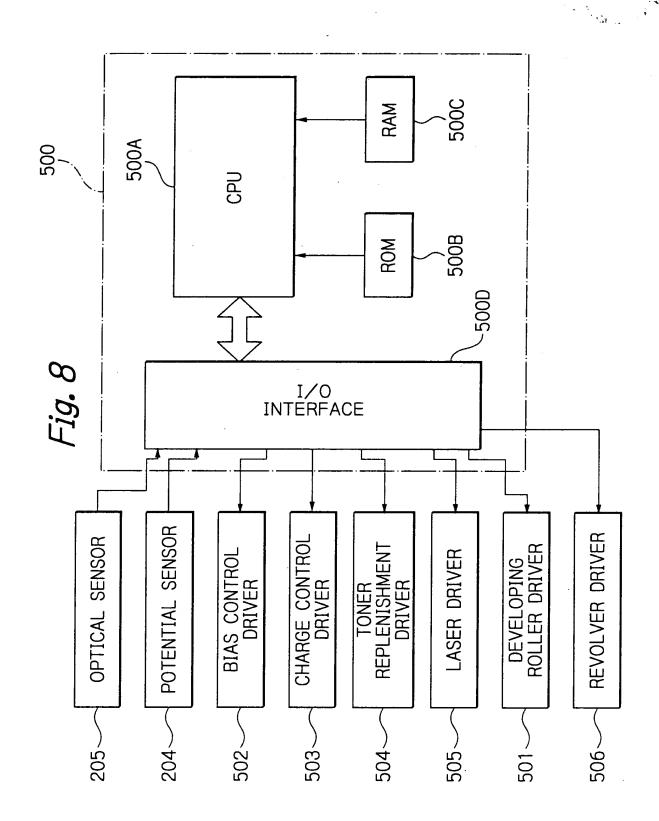


Fig. 7B



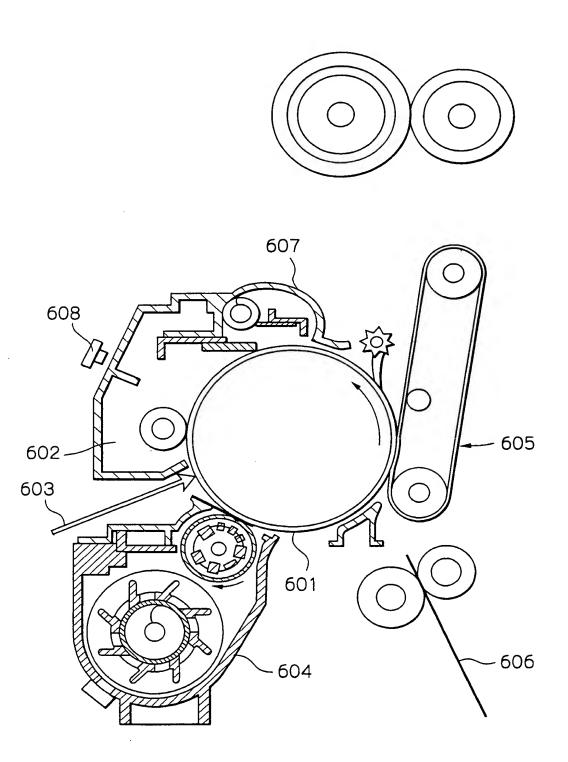
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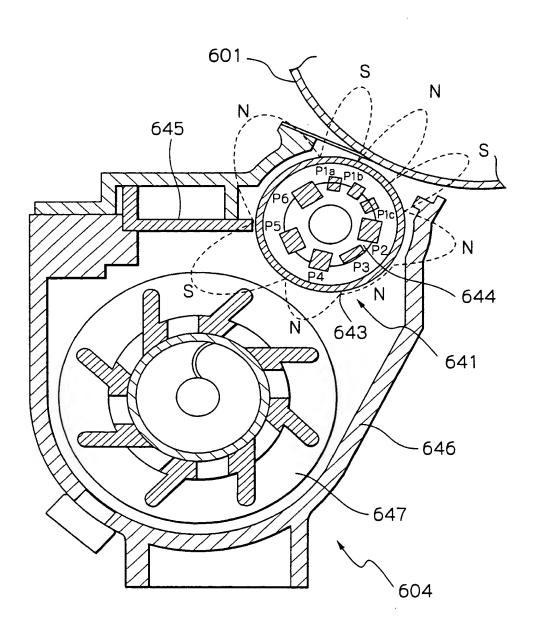
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Fig. 9



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Fig. 10



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No.	-	2	က	4	2	9	7	8	6	10
COPIER	MONC	MONOCHROMATIC	ATIC CO	COPIER		)	COLOR COPIER	COPIE	œ	
SLEEVE VELOCITY/ DRUM VELOCITY	Š	2.5		2.5			—	1.3		
DRUM DIAMETER (mm)	က	30	09	0			6	06		
SLEEVE DIAMETER (mm)	_	16	20	0			က	30		
DEVELOPMENT GAP (mm)		Ŏ	0.4		:	Ŏ	0.4		0.	0.35
NIP (mm)	4	1.5	4	2	2	2	4	4	1.5	1.5
DISTANCE AT NIP BOUNDARY (mm)	0.79	0.45	0.67	0.47	0.95	0.95	0.58	0.58	0.42	0.42
BOUNDARY DISTANCE/ NIP DISTANCE	1.67	1.17	2.38	1.45	1.97	1.97	1.13	1.13	1.2	1.2
BIAS	)(1	DC -600V ONLY	INO AC	Υ_	*1	<b>%</b> 5	*	<b>%</b> 2	*	<b>%</b>
OMISSION RANK	2.5	4.5	2.5	4.5	ဗ	က	4.5	4.5	4.5	4.5
GRANULARITY RANK	2	2	2	2	3	2	4.5	2	4.5	2
74 04 100 150	ָרָב - רְּבְּיבְּיבְּיבְּיבְּיבְּיבְיבְּיבְיבְּיבְיבְיבְיבְיבְיבְיבְיבְיבְיבְיבְיבְיבְי	14. VE	L	TOTAL TOTAL		1			$\Big]$	

%1 DC+AC, f5kHz, DUTY 25%, OFFSET VOLTAGE-700V, PEAK VOLTAGE 800V
%2 DC-500V ONLY

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## Fig. 12

	T
FREQUENCY(kHz)	GRANULARITY RANK
0	2
0.5	3
1	3.75
2	4
2.25	4
2.5	4.25
3	4.5
3.5	4.5
4	4.75
4.5	4.5
5	4.5
5.5	4.5
6	<b>4.</b> 5
7	4.5
9	4.5

## Fig. 13

DUTY (%)	GRANULARITY RANK
10	4.75
15	4.75
20	4.75
25	4.75
30	4.75
35	4.75
40	4.75
45	4.25
50	4
60	3.5

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14.5kH <sub>2</sub> Vpp 80ÔV DUTY 50%	OMISSION RANK	4	4	4	4	4	4	4	4	4	4
BIAS: AC	GRANULARITY RANK	4.5	4.5	4	4	4	4	3.5	3.5	3	2
	OMISSION RANK	4	4	4	4	4	4	4	4	4	4
BIAS: DC-500V	GRANULARITY RANK	1.5	1.5	1.5	1.5	1.5	1.5	-	-	-	-
p9/d9		0.466667	0.518072	0.555556	0.573333	0.60241	0.666667	0.673077	0.68254	0.826923	1.153846
[mm]		0.75	0.83	0.63	0.75	0.83	0.75	0.52	0.63	0.52	0.52
Gp[mm]	-	0.35	0.43	0.35	0.43	0.5	9.0	0.35	0.43	0.43	9.0

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Fig. 15

f4.5kH <sub>2</sub> Vpp 800V DUTY 50%	OMISSION RANK	2	2	2	2	2.5	2.75	2.75
BIAS: AC	GRANULARITY RANK	3.5	3.5	3.5	3.5	3.5	2	2
	OMISSION RANK	2	2	2	2	2.5	2.75	2.75
BIAS: DC-500V	GRANULARITY RANK		-	1	1	<del></del>	_	1
P9/d9		0.466667	0.546875	0.625	0.803571	0.892857	0.705882	0.659341
[mm]	-	0.75	0.64	0.64	0.56	0.56	0.85	0.91
Gp[mm]		0.35	0.35	0.4	0.45	0.5	9.0	0.6

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f4.5kH <sub>7</sub> Vpp 800V DUTY 50%	OMISSION RANK	4	4	4	4	7	4	4	4	4	4
BIAS: AC	GRANULARITY RANK	4.5	4.5	4	4	4	4	3.5	3.5	3	2
	OMISSION RANK	4	4	4	4	4	4	4	4	4	4
BIAS: DC-500V	GRANULARITY RANK	1.5	1.5	1.5	1.5	1.5	1.5	.1	-	1	1
θ/d5		5.384615	5.375	2	6.615385	6.25	7.692308	10	9.8	11.94444	17.14286
ρ[g/cm²]		0.065	0.08	0.05	0.065	0.08	0.065	0.035	0.05	0.036	0.035
Gp[mm]		0.35	0.43	0.35	0.43	0.5	0.5	0.35	0.43	0.43	9.0

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f4.5kH <sub>2</sub> Vpp 800V DUTY 50%	OMISSION RANK	2	2	2	2	2.5	2.75	2.75
BIAS: AC	GRANULARITY RANK	3.5	3.5	3.5	3.5	3.5	2	2
	OMISSION RANK	2	2	2	2	2.5	2.75	2.75
BIAS: DC-500V	GRANULARITY RANK	-	-	-	-	-		-
θ/d9		5.384615	7	8	11.25	12.5	7.894737	7.058824
Gp[mm]   \rho [g/cm^2]		0.065	0.05	0.05	0.04	0.04	0.076	0.085
Gp[mm]		0.35	0.35	0.4	0.45	0.5	9.0	9.0